Amendment dated October 17, 2007

AMENDMENTS TO THE CLAIMS

Docket No.: 0941-0927P

1. (Withdrawn) An anti-vibration method applied in a rotating disk of an image display

system for eliminating unbalance of the rotating disk, comprising steps of:

forming a holder on the rotating disk;

filling a selected amount of a curable fluid and a plurality of spheres in the holder;

rotating the rotating disk until the rotating disk reaching balance; and

curing the curable fluid.

2. (Withdrawn) The anti-vibration method of claim 1, wherein the holder is formed by an

annular element or a bowl bonding to the rotating disk.

3. (Withdrawn) The anti-vibration method of claim 2, wherein the annular element or the

bowl is bonded by a means selected from a group consisting of adhering, screwing, latching and

coupling.

4. (Withdrawn) The anti-vibration method of claim 1, wherein the curing of the curable

fluid is selected from a group of approaches consisting of providing photo energy, providing

thermal energy and providing catalysts.

5. (Withdrawn) The anti-vibration method of claim 4, wherein the curable fluid is

selected from a group of fluid consisting of a photosensitive curable fluid, a thermal sensitive

curable fluid and a double agent curable gel.

6. (Withdrawn) The anti-vibration method of claim 1, wherein the holder and the rotating

disk are coaxial.

7. (Withdrawn) The anti-vibration method of claim 1 further comprising a step of:

Application No. 10/791,818 Amendment dated October 17, 2007 Reply to Office Action of July 17, 2007

measuring an unbalance amount of the rotating disk by a measuring device for selecting a predetermined amount of the spheres to be placed within the holder of the rotating disk.

8. (Currently Amended) An anti-vibration apparatus applied in a rotating disk of an

image display system for eliminating unbalance of the rotating disk, comprising:

a motor for providing rotation power;

a spindle housed in the motor and coupled with the rotating disk for transmitting the

rotation power to drive the rotating disk;

a holder formed on the rotating disk having a side wall extended away from the rotating

disk;

a curable fluid contained in the holder; and

a predetermined amount of spheres placed in the holder;

wherein when the motor drives the rotating disk to rotate, the fluid and the spheres filled

within the holder of the rotating disk are naturally flowed flow to the peripheral side of

the holder under a vibration force and are distributed in such a way as to balance the rotating

disk, and the fluid is then cured after the balance of the rotating disk is attained.

9. (Original) The anti-vibration apparatus of claim 8, wherein the holder is formed by an

annular element or a bowl bonding to the rotating disk.

10. (Original) The anti-vibration apparatus of claim 9, wherein the annular element or the

bowl is bonded by a means selected from a group consisting of adhering, screwing, latching and

coupling.

Application No. 10/791,818 Amendment dated October 17, 2007 Reply to Office Action of July 17, 2007

- 11. (Original) The anti-vibration apparatus of claim 8, wherein the curable fluid is selected from a group of fluid consisting of a photosensitive curable fluid, a thermal sensitive curable fluid and a double agent curable gel.
- 12. (Currently Amended) The anti-vibration apparatus of claim 8, wherein the holder has a flange located on a top end of-a the side wall thereof and extended inwards.
- 13. (Original) The anti-vibration apparatus of claim 8, wherein the holder and the rotating disk are coaxial.
- 14. (Currently Amended) The anti-vibration apparatus of claim 8, wherein the sphere is made of metal, steel, ceramic or metalloid.
- 15. (Currently Amended) The anti-vibration apparatus of claim 8, wherein the sphere is made of metalloid curable fluid is cured by providing photo energy, thermal energy or catalyst.
- 16. (Currently Amended) A color wheel module applied in an image display system for modulating the color of an incident light, comprising:

a motor for providing rotation power;

a disc-shaped color filter disk with a plurality of thin film color filters being driven to rotate by the motor for alternately modulating the color of the incident light;

a holder formed on inner periphery of the disc-shaped color filter disk and having a side wall extended away from the disc-shaped color filter disk;

a curable fluid contained in the holder; and

a plurality of spheres placed in the holder;

wherein when the motor drives the disc-shaped color filter disk to rotate, the fluid and the spheres filled within the holder of the color wheel are naturally flowed flow to the periphery

Application No. 10/791,818 Amendment dated October 17, 2007

Reply to Office Action of July 17, 2007

peripheral side of the holder under a vibration force and are distributed in such a way as to

balance the disc-shaped color filter disk, and the fluid is then cured after the balance of the color

wheel module is attained.

17. (Original) The color wheel module of claim 16, wherein the holder is formed by an

annular element or a bowl bonding to the color wheel module.

18. (Original) The color wheel module of claim 17, wherein the annular element or the

bowl is bonded by a means selected from a group consisting of adhering, screwing, latching and

coupling.

19. (Original) The color wheel module of claim 16, wherein the curable fluid is selected

from a group of fluid consisting of a photosensitive curable fluid, a thermal sensitive curable

fluid and a double agent curable gel.

20. (Currently Amended) The color wheel module of claim 16, wherein the holder has a

flange located on a top end of a the side wall thereof and extended inwards.

21. (Original) The color wheel module of claim 16, wherein the holder and the color

wheel are coaxial.

22. (Currently Amended) The color wheel module of claim 16, wherein the sphere is

made of metal, steel, ceramic or metalloid.

23. (Currently Amended) The A color wheel module of claim 16, wherein the sphere is

made of metalloid, comprising:

a motor;

a color filter disk driven by the motor;

a holder disposed on the color filter disk and having a side wall extending away from the color filter disk; and

at least one sphere placed in the holder, wherein when the motor drives the color filter disk to rotate, the sphere will be fixed after the balance of the color wheel module is attained.

24. (New) A color wheel module, comprising:

a motor;

a color filter disk driven by the motor;

a holder disposed on the color filter disk and having a side wall extending away from the color filter disk; and

a curable fluid contained in the holder, wherein when the motor drives the color filter disk to rotate, the curable fluid will be cured after the balance of the color wheel module is attained.